OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/010,667A

DATE: 06/05/2002
TIME: 09:44:45

Input Set : D:\51158-20016.txt
Output Set: N:\CRF3\06052002\J010667A.raw

do edit

Does Not Comply
Corrected Diskette Needed

```
  4 <110> APPLICANT: Afar, Daniel
  5         Hubert, Rene S.
  6         Leong, Kahan
  7         Raitano, Arthur B.
  8         Saffran, Douglas C.
  9         Mitchell, Steve Chappell
 11 <120> TITLE OF INVENTION: NOVEL SERPENTINE TRANSMEMBRANE ANTIGENS
 12        EXPRESSED IN HUMAN CANCERS AND USES THEREOF
 15 <130> FILE REFERENCE: 511582001601
 17 <140> CURRENT APPLICATION NUMBER: US 10/010,667A
 18 <141> CURRENT FILING DATE: 2001-12-06
 20 <150> PRIOR APPLICATION NUMBER: 09/323,873
 21 <151> PRIOR FILING DATE: 1999-06-01
 23 <150> PRIOR APPLICATION NUMBER: 60/087,520
 24 <151> PRIOR FILING DATE: 1998-06-01
 26 <150> PRIOR APPLICATION NUMBER: 60/091,183
 27 <151> PRIOR FILING DATE: 1998-06-30
 29 <160> NUMBER OF SEQ ID NOS: 32
 31 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

ERRORED SEQUENCES

```
531 <210> SEQ ID NO: 32
532 <211> LENGTH: 15
533 <212> TYPE: PRT
534 <213> ORGANISM: Homo sapiens
536 <400> SEQUENCE: 32
537 Tyr Gln Gln Val Gln Gln Asn Lys Glu Asp Ala Trp Ile Glu His
538  1               5                   10                  15
E--> 540 (1
E--> 543  1)
```

VERIFICATION SUMMARY   DATE: 06/05/2002
PATENT APPLICATION: US/10/010,667A   TIME: 09:44:47

Input Set : **D:\51158-20016.txt**
Output Set: **N:\CRF3\06052002\J010667A.raw**

```
L:305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:308 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:180
L:309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:240
L:310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:300
L:311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:360
L:540 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:32
M:332 Repeated in SeqNo=32
```